

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2004/002403

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23C8/68 C23C30/00 C09K3/14 B24D3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C C09K B24D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 611 828 A (CELIKAYA AHMET) 18 March 1997 (1997-03-18) column 12, line 36 - line 43 column 13, line 8 - line 40 column 14, line 2 - line 15; claims 1,14 -----	1-3,7-9, 14-18
X	GB 1 436 945 A (BORAX CONS LTD) 26 May 1976 (1976-05-26) page 1, line 9 - line 20 page 2, line 45 - line 49 sentence 66 - sentence 77; claims 1,7,8 -----	1-5,7, 14,15
X	US 3 935 034 A (HAYES WILLIAM J) 27 January 1976 (1976-01-27) column 2, line 19 - line 23 sentence 38 - sentence 44 column 3, line 1 - line 32; claims 1,3,5 ----- -/--	1-3,7-9, 14-16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Z document member of the same patent family

Date of the actual completion of the international search

2 November 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 5 672 382 A (LUX BENNO) 30 September 1997 (1997-09-30) column 9, line 55 claim 1; examples 1b,3 -----	1,2,7-9, 14-16,19
X	US 4 971 624 A (CLARK EUGENE V ET AL) 20 November 1990 (1990-11-20) column 1, line 16 - line 25 column 5, line 55 - column 6, line 42; claim 1 -----	1-3,7-9, 15,16
X	US 6 478 887 B1 (WHITE ALYSIA CANSON ET AL) 12 November 2002 (2002-11-12) column 1, line 10 - line 19 column 5, line 10 - line 49 column 12, line 24 - line 26; examples 1,2 claims 41-49 -----	1-3,7-9, 14-16
A	DE 41 39 956 A (ADAM OPEL) 9 June 1993 (1993-06-09) claims 1,13 -----	10,11
X	EP 0 517 460 A (GEN ELECTRIC) 9 December 1992 (1992-12-09) column 3, line 27 - line 35 column 6, line 49 - line 56 column 7, line 11 - line 19 column 8, line 25 - line 28 -----	1,7,19
A	US 3 744 979 A (KALISH H) 10 July 1973 (1973-07-10) column 1, line 19 - line 24 column 2, line 44 - line 49 -----	1-3,7-9, 14-16
A	DATABASE WPI Section Ch, Week 200446 Derwent Publications Ltd., London, GB; Class A26, AN 2004-488141 XP002303438 & ZA 200 107 995 A (DE BEERS IND DIAMONDS PTY LTD) 29 May 2002 (2002-05-29) abstract -----	1,19

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Information on patent family members

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